



PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	A	
PO038598	ACI001-VC	6	1	Net 30	M6061T6R0.563	6061-T6 Round Bar .563 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				120	12/14/2017	120		S023285	Stock	12/15/2017	\$ 1.01 / ft		
		11			M303R1.000	303 Round Bar 1.00 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft				12	12/13/2017	12		S023286	Stock	12/15/2017	\$ 7.90 / ft		
		15			M6061T6B1.250X04.500	6061-T6 Bar 1.25 X 4.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12			S023287	Stock	12/15/2017	\$ 22.92 / ft	
		17			M6061T6B1.500X3.00	6061-T6 Bar 1.500 X 3.000 . MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12			S023288	Stock	12/15/2017	\$ 14.02 / ft	
		22			M6061T6S.080	6061-T6 .080 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf				144		144		S023289	Stock	12/15/2017	\$ 5.25 / sf		
Total:										300		300							

Plex 12/15/2017 3:07 PM Dart.Dubois.Pascal



# DELIVERY - CLIENT

CO00066342



**ACIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**Billed to**

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,

Customer N°	CLI0001056
Date	2017/12/11
<b>Delivery date</b>	<b>2017/12/15</b>

**Your order N°**

38598

**Processed by**

Josianne Bourdon

**Salesman**

OUELLETTE VALLEYFIELD

**Credit Termes**

Net 30 Days

**Instruction** F-M

**Delivery Route** 5

**Page** 2

**Product Description**

**Weight**

**Qty**

**U/M**

**CMD**

**IN**

**I**

**S**

**C**

**OUT**

**9693**

79.38

12.00

PL\_\$CLB

12'

12'

12'

144"

**1 X 12' HEAT**

12'

12'

12'

144"

**AC12100-TH-14/12**

63.50

12.00

PL\_\$CLB

12'

12'

12'

144"

**FAL-1123-V**

2445

12.00

PL\_\$CLB

12'

12'

12'

144"

**TRANSIT ST-JEROME LE 13/12**

164.30

144.00

PI2\_\$CLB

12'

12'

12'

144"

**6 ALU SHEET 081 (12G) 6061-T6 (4 X 12)**

3195

144.00

PI2\_\$CLB

12'

12'

12'

144"

**3 X 4' X 12' HEAT**

**TRANSIT 13/12**

144.00

12.00

PL\_\$CLB

12'

12'

12'

144"





ACIER OUELLETTE INC.

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tel.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

### Order - Sales

Copy

C000066342

#### Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

#### Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

#### Processed by

Salesman

Carrier

Credit Termes

Net 30 Days

#### Your order N°

38598

#### Delivery date

2017/12/15

#### Customer N°

CLI0001056

#### Date

2017/12/11

Delivery Route 5 Page 1

Product Description	Weight	Qty	U/M	PCS NB						Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C	OUT		
1 ROUND ALU 9/16 6061-T6 RANDOM RAL-916-V <i>10 X 12' R/L HEAT: 2017/4863</i>	35.16	120.00	PI_SCLB	10.00									
2 ROUND SS 1 303 RANDOM RSS-1303-V <i>1 X 12' R/L HEAT: 440180</i>	32.04	12.00	PI_SCLB	1.00									
3 FLAT ALU 1 1/4 X 4 1/2 6061-T6 NS FAL-114412 <i>1 X 12' HEAT: 2017/7524</i>	79.38	12.00	PI_SCLB	1.00									



ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 865-456-4242

## Order - Sales

## Copy

C000066342

Customer N°

CLI0001056

Date

2017/12/11

Delivery date

2017/12/15

Your order N°

38598

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Term

Net 30 Days

Page

2

## Product Description

Weight (LBS) : 374.38

NIR : R-109516-6

4 FLAT ALU 1 1/2 X 3 6061-T6 RANDOM

2445

1 X 12' HEAT: 384719

JULIE

TRANSIT ST-JEROME LE 13/12

5 ALU SHEET .081 (12G) 6061-T6 (4 X 12)

3195

FEAL-0814126061

3195

3 X 4' X 12' HEAT: 3847997

13/12

SURCHARGE ENERGETIQUE

JULIE

FRAIS\_ENERGETIQUE

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
4 FLAT ALU 1 1/2 X 3 6061-T6 RANDOM	63.50	12.00	PI_5CLB	1.00						
FAL-1123-V										
1 X 12' HEAT: 384719										
TRANSIT ST-JEROME LE 13/12										
5 ALU SHEET .081 (12G) 6061-T6 (4 X 12)	164.30	144.00	PI2_SCLB	3.00						
FEAL-0814126061										
3 X 4' X 12' HEAT: 3847997										
SURCHARGE ENERGETIQUE										
FRAIS_ENERGETIQUE										

Conditions :

All sold and delivered materials remain the property of "Acer Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Y

M

D

Prepared By :	Verified By :
---------------	---------------

Delivered By :	Time
----------------	------

Customer's Signature
----------------------

Total (\$CAD)  
Deposit  
Balance

1 603.90  
0.00  
1 603.90



**Can Do.**

## Service Center Metals

5850 Quality Way

Prince George, VA 23875

# CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



Made in  
the USA.

OUR ORDER NUMBER	ITEM
929759	2

MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT
344426	RD0370	9/21/2017
CUSTOMER PO	ALLOY/TEMPER	CERTIFICATION
VIM-643085	6061-T6511	ASTM-B221-14 No Stencil
CUSTOMER PART NUMBER	SALESPERSON	SPECIFICATION
RD0370	D.Schroeder (Canada)	AMS-QQA-200/8 Rev-A
DESCRIPTION	Lightning Rod Tip 0.562+.004/-0.03	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification available, and has been found to meet the applicable requirements describing herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCMI is ISO 9001:2015 certified

This product is RoHS-2, REACH, and DFARS compliant

### Mechanical Properties

#### Tests

#### Lot No.

1  
201714863  
*✓*

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
9/21/17	min 47.80 max 47.80	min 44.40 max 44.40	min 15.80 max 15.80

### Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others Total	Melt Source:
01M170825B	201714863	6061	0.76	0.36	0.32	0.10	0.88	0.11	0.05	0.03	97.40	0.05	0.15	United States of America
03E170530A	201714863	6061	0.74	0.36	0.32	0.11	0.89	0.16	0.05	0.03	97.32	0.05	0.15	United States of America

SCMI products are melted and extruded in the USA

*Calvin J. Wiggins*

Print Date: 9/21/2017

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 7/2017

Larondo LOIU (VIZCAYA) España  
P.O. Box 1 323/48080 Bilbao  
Tel 34(4) 4 71 13 00  
Fax 34(4) 4 53 16 36

Management Systems  
Certified by  
LRQA  
ISO 9001 / SG1 6060360  
ISO 14001 / SG1 1070678

ACEROS INOXIDABLES

**OLARRA**

Trade Mark - Zeichen des Lieferwerkes  
Anagramma del suministrador

Works Inspector Stamp - Werkssachverständiger  
Sello del Inspector

3

Certificate type - APZ Nach Certificado tipo		EN 10204/3.1	Certificate n° - Pruf-Nr Certificado n°		324015	Date - Datum - Fecha 15 - 09 - 2017				
Our order N° Werks - Nr Nº de Referencia		Heat Schmelze Colada	Your order N° Bestell - Nr Pedido N°		VIM-641197					
Steel Grade Werkstoff Calidad		AISI-303	According to Entsprachend Corresponde		ASTM A 582 / A 582M-12.					
Shape and Size - Gegenstad Perfil y dimensión ROUND 1"		Tolerance - Toleranz Tolerancia ASTM A 484 / TB.7	Bundles Bunde Bultos		Bars Stäbe Bartas	Weight Gewicht Peso 5183 Lbs				
Requirements - Anforderungen - Exigencias  QQ-S 764B-70. AMD2 COND.A. SAE AMS 5640U-07. TYPE I. EN 10.088-3.2014. UNS S30300-1.4305. MECAMAX - PLUS										
Melting process / Erschmelzungsart / Proceso de Fusión  E.A.F. / A.O.D.			Heat treatment / Wärmebehandlung / Tratamiento térmico  1050C 4H/Std WATER/WASSER/AGUA							
Solution annealed/Abgeschreckt/Hipertemper-Turned/Drehen/Torneado-Polished/Pollert/Pulido-										
Test results - Ergebnis der Prüfungen - Resultados de los ensayos										
Dimension of Specimen Abmessungen des Probestabes Medida de las probetas		Rp,0,2% KSI	Rp 1% KSI	Rm KSI	A %L 5D	A %L 4D	Z %	Hardness Härte HBw	Impact test / Kersbschlag / Resiliencia ISO V II. Ib	
RD. 12,50 mm.		Min.								
		Max.						262		
Temperature °C 20	Spec. N°, Probe Nr. Pro N°	1	52	58	94	51	58	197		
C	Si	Mn	P	S	Cr	Mo	Ni	Cu	N	Co
Min				0,150	17,00		8,00			
Max	0,150	1,00	2,00	0,200		19,00		10,00	0,70	0,1000
	0,043	0,34	1,74	0,034	0,324	17,45	0,40	8,10	0,48	0,0340
Visual and dimensional inspection Besichtigung und Ausmessung O.K. Control visual y dimensional		Radioactivity inspection Radioaktivitätskontrolle O.K. Control de Radiactividad		Antimixing test Spektroskop Verwechslungspr Antimezcla		O.K.		Grain Size Korngrösse Tamaño de grano		
Remarks - Bemerkungen - Observaciones  Free From Mercury contamination/Quecksilberfreiheit. No weld repair.								EDV / EDP Acc. EN 10.204 Marian Tejedo Quality Mng.		
								Works Inspector Der Werkssachverständige Inspector de fábrica		



Can Do.

## Service Center Metals

5850 Quality Way  
Prince George, VA 23875CERTIFIED INSPECTION REPORT AND TEST RESULTS  
FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	934209
ITEM	6

MANIFEST NUMBER	349714	DO NUMBER	MRB1771	DATE OF SHIPMENT	1/17/2017
CUSTOMER PO	VIM-643970	ALLOY/TEMPER	6061-T6511	SALESPERSON	D Schroeder (Canada)
CUSTOMER PART NUMBER	MRB1771	DESCRIPTION	MQRB 1.250x4.500	SPECIFICATION	AMS-QQA-200/8 Rev-A

I hereby certify that the material covered by this report has been inspected in accordance with the most recent specification, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met no composition limits and had the mechanical properties shown. Items produced and certified as 61-165-11 also meet the requirements of 6061-T6.

Aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

## CM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant

## Mechanical Properties

Tests

Lot No.

1  
201717524  
b6f

Test Date	Ultimate Tensile Strength (KSI)		Yield Strength (KSI)		Percent Elongation	
	min	max	min	max	min	max
1/13/17	50.30	50.30	47.50	47.50	16.60	16.60

## Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Melt Source:
													Total	
1191701	201717524	6061	0.74	0.36	0.31	0.09	0.89	0.09	0.07	0.02	97.43	0.05	0.15	United States of America
0241703	201717524	6061	0.75	0.34	0.32	0.11	0.87	0.08	0.06	0.03	97.44	0.05	0.15	United States of America

CM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality &amp; Technical Services

Rev. 7/2017

Print Date: 1/17/2017

4012100

0063490

KUTTER LUMBER

12441

TRAILER

MILL TEST

CERT CODE:	S	DATE OF SHIPMENT	ORDER NO.	MANIFEST NO.
1	4769	JAN/19/2017	201364 - 1	363949
ACIER OUELLETTE				
CUSTOMER PO	AUCTION	SALESMAN		
102749	6061	T6		
CUSTOMER PART NUMBER	HOUSE ACCOUNTS			
SO04769				
3" X 1.5" FLAT BAR	3" X 1.5" FLAT BAR			
			CERTIFICATION	MADE IN CANADA
			MILL TEST	ASTM B221-14

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell	Conductivity
A.11	6061	Jan/12/2017	42.40	39.00	13.70	86,0,86,1,86,3	

Chemical Composition

Element	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	I	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
384719	A.11	6061	0.5	0.14	0.19	0.03	0.86	0.05	0	0.01	0.01	0	0	0	0	0	0	0	0	

# 2445  
FAL-1123-4

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale  
Quality Control Manager

W 20.6654

L ART

**LÉSACIERS SOUËLÉTTE INC.**

FEUILLE ALUMINIUM 6061-T6  
OS10 Nom X 48,000" X 144,000"

PART NO.

PORef OLU-7784

Nous certifions que le document ci-joint est  
une copie conforme du rapport fourni par le  
fournisseur du matériel ci-dessous indiqués résultant

de l'analyse faire pour la bourgeoisie qualifiée:  
SIGNÉ PAR: JUCY TRUGLIO

Certificate of Mill Test Results

BL VIN-482758-001

48/16  
1/1

**Henan Xindatong Aluminum Industry Co., Ltd.**

**MILL TEST CERTIFICATE**

Name	Lot No.	Size of Goods (inch)	Chemical Composition (%)									Mechanical Properties			Standard		
			Alloy/Temper	Si	Fe	Cu	Mn	Mo	Mo	Zn	Ti	Cr	Others	Mark	Total		
ALUMINUM SHEET ASTM B209 AS/EN 1063	RA2797	0.08" X 48" X 144"	6061 T6	0.296	0.493	0.267	0.089	0.072	/	0.0783	0.107	0.03	0.13	Remain	295	11.3	GR/T380-2012
Z-1601ND045		0.032" X 48" X 36"	3003 H14	0.094	0.511	0.09	1.977	0.064	0.0016	0.031	0.0047	0.03	0.13	Remain	167	18	GB/T150-2012
ALUMINUM SHEET Z-1601ND045		0.040" X 48" X 36"	3003 H14	0.095	0.526	0.028	1.022	0.067	0.0012	0.022	0.009	0.03	0.15	Remain	164	23	GB/T150-2012
Z-1601ND046		0.122" X 48" X 36"	3003 H14	0.09	0.511	0.091	1.967	0.0006	0.0013	0.017	0.0013	0.05	0.15	Remain	152	25	GB/T150-2012

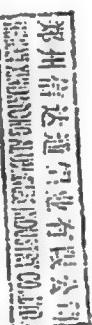
UC REF: IDLC1617

Description of Goods and Services:

COVERING 100 PERCENT VALUE OF GOODS AND/OR SERVICES DESCRIBED AS,

+ 5.542 METRIC TONS 6061 T6 ALUMINUM SHEET  
+ 15.377 METRIC TONS 3003 H14 ALUMINUM SHEET  
CIF TORONTO PORT

Inspector: Shao Jiguo



Date: Jun. 26, 2016

**Henan Xindatong Aluminum Industry Co., Ltd.**

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176B1.500X3000  
 DATE: DEC 15 2017

PO/BATCH NO.: 038598/5023287

MATERIAL CERT REC'D: Key  
 QUANTITY RECEIVED: 12"  
 QUANTITY INSPECTED: 12"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500  
 THICKNESS RECEIVED: 1.500  
 SHEET SIZE ORDERED: 12x12  
 SHEET SIZE RECEIVED: 12x12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<u>Heat# 384719</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DURA	DUR D	WEBSTER

*testers located in the Quality Office*

## QC 18 INSPECTION

INSPECTED BY: das  
 DATE: DEC 15 2017

## ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T6B ALUMINUM BAR

SPECIFICATION:  
QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221



PART NUMBER:  
M6061T6B T.TTT X WWWWWWW

THICK | WWWWWWW  
WIDTH |

WHERE "T.TTT" = THICKNESS IN INCHES  
"WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

**RELEASED**  
2009-06-03  
*[Signature]*

B	REMOVE QQA-250/11 OPTION, REFORMAT NOTES, ADD ASTM B21/B22 (ZN D7-1)	CP	08/07/13
A	NEW ISSUE	DS	01/06/08
REV	DESCRIPTION	BY	DATE
DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.		M6061T6B	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE-APPR.		6061-T6 BAR	NTS
DATE	09.07.13	COPRIGHT © 2001 BY DART AEROSPACE LTD All rights reserved. No part of this drawing may be reproduced without written permission from DART Aerospace Ltd. Printed on 09/07/2009 at 10:16 AM by [Signature] (DART Aerospace Ltd.)	

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061H6R0.563  
 DATE: DEC 15 2017

PO BATCH NO: 038598/5023285-

MATERIAL CERT REC'D: Y  
 QUANTITY RECEIVED: 120"  
 QUANTITY INSPECTED: 120"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED 0.563  
 THICKNESS RECEIVED 0.563  
 SHEET SIZE ORDERED N/A  
 SHEET SIZE RECEIVED N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
	Y	N	
SURFACE DAMAGE	<input checked="" type="radio"/>	<input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/>	<input type="radio"/>	
CORROSION	<input checked="" type="radio"/>	<input type="radio"/>	
CORRECT GRAIN DIRECT ON	<input checked="" type="radio"/>	<input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/>	<input type="radio"/>	Aston 6221
CORRECT THICKNESS	<input checked="" type="radio"/>	<input type="radio"/>	
PHOTO REQUIRED	<input checked="" type="radio"/>	<input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/>	<input type="radio"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/>	<input type="radio"/>	190717 201714863
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/>	<input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/>	<input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/>	<input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

## QC 18 INSPECTION

INSPECTED BY: nl  
 DATE: DEC 15 2017

## ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:

## **SPECIFICATION CONTROL DRAWING**

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

**SPECIFICATION:** QQ-A-225/8 OR AMS-QQA-225A (OR AMS 4117412B/415/4116)  
OR QQA-20108 OR AMSL-QQA-20108 (OR AMS 4160)

SPECIFICATION.

PART NUMBERED

WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 5/8" ROUND BAR = M6061T6B0.625

WHERE "D.DDD" = DIAMETER IN INCHES  
E.G. 5/8" ROUND BAR = M6061T60-625

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RELEASED  
2018-03-09  
*[Signature]*

REFORMAT Dwg. ADD B211& B211 SPEC (ZN D1), REF PAR 08-020A		CP	08.07.13
A NEW ISSUE		DS	01.06.08
REV.	DESCRIPTION	BY	DATE
	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DESIGN		DRAWING NO.	REV. B
DRAWN		M6061-T6R	SHEET 1 OF 1
CHECKED			SCALE
MFG. APPR.			NITS
APPROVED	JAN	TITLE	
DE APPR.		6061-T6 ROUND BAR	
DATE	09.07.13		

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061+6S-080  
 DATE: DEC 15 2017

PO BATCH NO. 038598/5028289

MATERIAL CERT REC'D: Y  
 QUANTITY RECEIVED: 144 ft<sup>2</sup>  
 QUANTITY INSPECTED: 144 ft<sup>2</sup>  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.080  
 THICKNESS RECEIVED: 0.081  
 SHEET SIZE ORDERED: 4x12  
 SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)		COMMENTS
	Y	N	
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Astm B209
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat# RA27997
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

## QC 1B INSPECTION

## ENGINEERING SIGNOFF (if required)

INSPECTED BY:	<u>PL</u>	9:00	SIGNED OFF BY:	
DATE:	DEC 15 2017		DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in.

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

SPECIFICATION:  
QQ-A-250111 OR AMS-QQ-A-250/11  
OR  AMS 4055  
OR  ASTM B209

PART NUMBER:

M6061T6S XXX  
THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

PREFERRED SIZE:

XXX BY 4FT BY 8FT



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**RELEASED**  
R 2009-09-10  


B	REFORMAT DWG ADD B209 SPEC (ZN D8-1), REF PAR 08-020A	CP	08-07-13
A	NEW ISSUE	DS	01-06-08
REV	DESCRIPTION	BY	DATE
	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DESIGN		DRAWING NO.	
DRAWN		M6061T6S	REV. B
CHECKED			SHEET 1 OF 1
MFG. APPR			SCALE
APPROVED			NTS
DE APR.			
DATE	09.07.13		

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R 1.000  
 DATE: DEC 15 2017

PO / BATCH NO.: 038598/5022286

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12"  
 QUANTITY INSPECTED: 12"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000  
 THICKNESS RECEIVED: 1.000  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/>	
CORROSION	Y <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/>	Astm A382
CORRECT THICKNESS	Y <input checked="" type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/>	Sheet # 440180
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY:	<u>M</u>	DAS	
DATE:	DEC 15 2017	SIGNED OFF BY:	
		DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)

△ SPECIFICATION:  
ASTM A562

PART NUMBER:  
M303RD.DDD |  
| DIA.

WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 0.75" ROUND BAR = M303RD.750

RELEASER  
2010-02-02  
JNP

B	REFORMAT DWG. ADD SPECS (ZN D8-1), REF PAR 06-020A	CP	10-01-05
A	NEW ISSUE	DS	01-12-20
REV.	DESCRIPTION	BY	DATE
DESIGN	DART AEROSPACE LTD		
DRAWN	HAWKESBURY, ONTARIO, CANADA		
CHECKED	DRAWING NO.		
MF.G. APPR.	M303R		
APPROVED	TITLE		
DE APPR.	303 ROUND BAR		
DATE	10.01.05		

REV. B  
SHEET 1 OF 1  
SCALE  
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6BL250X04.500  
 DATE: DEC 15 2017

PO / BATCH NO.: 038598/5023287

MATERIAL CERT REC'D: X  
 QUANTITY RECEIVED: 12"  
 QUANTITY INSPECTED: 12"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.25"  
 THICKNESS RECEIVED: 1.25"  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Actor B221</i>
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Heat # 201717524</i>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

## QC 18 INSPECTION

INSPECTED BY: JL DAS  
 DATE: DEC 15 2017

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T651/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS A117/A128/A115/A116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS A160)  
OR ASTM B211 OR ASTM B222



PART NUMBER:

M6061T6B | T TTT | X | WWWW  
| THICK | | WIDTH |

WHERE "T.TTT" = THICKNESS IN INCHES  
"WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED  
R 2009-08-01  
*[Signature]*

B	REMOVE QQA-25041 OPTION, REFORMAT NOTES, ADD ASTM B211(B221) (ZN-D7-1)	CP	08.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD	
DRAWN	<i>AS</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>AS</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>AS</i>	M6061T6B	SHEET 1 OF 1
APPROVED	<i>AS</i>	TITLE	SCALE
DE APPR.	<i>AS</i>	6061-T6 BAR	NTS
DATE	09.07.13	CONFIDENTIAL © 2009 BY DART AEROSPACE LTD NOT TO BE USED FOR ANY PURPOSE OR COPIED OR TRANSMITTED OUT OF THE PROPERTY OF DART AEROSPACE LTD WHILE THIS DRAWING IS IN POSSESSION OF DART AEROSPACE LTD	

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